8 Inch TFT LCD Capacitive Touchscreen For Devices 1280*720 Dots Resolution

Basic Information

- Place of Origin:
- Brand Name:
- Certification: CE RoHS FCC
- Model Number: CH800WX04A-CT
- Minimum Order 100 pcs
 Quantity:
- Packaging Details: All the products are packed in right way to keep it safe. For small sizes of products we use tray + carton, For bigger sizes we use foam slot + carton. we also design packages according to customers' requirements

China Shenzhen

Chenghao Optoelectronic

- Delivery Time: 3~7 Days
- Payment Terms: TT or Others
- Supply Ability: 2000000 pcs/month

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Product Specification

Product Name:	TFT LCD Capacitive Touchscreen	(
Viewing Angle:	85/85/85/85	0
• Touch Panel Intertace:	12C	
Brightness:	1200 Cd/m2 (Can Be Modified According To Customer Requirements)	
• Viewing Area:	177.24*99.96 Mm	
 Touch Glass Cover Hardness: 	6H	
 Module FPC Pin Number: 	30 Pins	
Warranty:	12 Months	
Operating Temperature	: -30 ~ +85 °C	

 Highlight: 8 Inch TFT LCD Capacitive Touchscreen, TFT LCD Capacitive Touchscreen For Devices

More Images





Product Description

Product Description:

Product Overview of TFT LCD Capacitive Touchscreen

TFT LCD capacitive touch screen is a high-quality display module that combines the characteristics of TFT display and capacitive touch screen. It is designed to provide users with an interactive and intuitive visual experience. The product is suitable for a wide range of applications including mobile devices, industrial equipment and consumer electronics.

Touch glass cover light transmittance ≥87%

The TFT LCD capacitive touch screen uses a touch glass cover with a light transmittance of at least 87%. This means the display is able to transmit a large amount of light, resulting in bright and clear images. With such high transmittance, users can enjoy vivid and lifelike display effects.

85/85/85/85 perspective

The TFT LCD capacitive touch screen offers a wide viewing angle of 85/85/85/85, suitable for various viewing positions. This feature ensures that the display remains clear and vibrant even when viewed from different angles. It also allows multiple users to view the screen simultaneously without losing image quality.

Viewing area 177.24*99.96mm

The TFT liquid crystal capacitive touch screen has a viewing area of 177.24*99.96 mm, providing users with a spacious and immersive display experience. This large viewing area allows more content to be displayed on the screen, making it ideal for applications that require a lot of visual information, such as gaming and video playback.

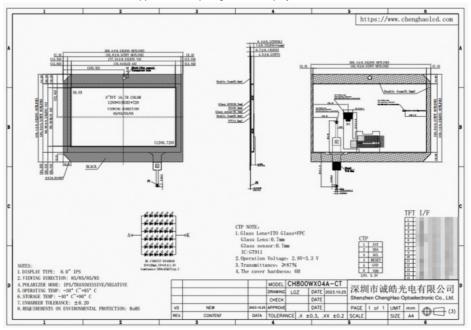
Module transmission interface LVDS

The TFT LCD capacitive touch screen communicates with external devices through the LVDS interface protocol, and the module FPC (flexible printed circuit) pin number is 30 pins. This feature allows for simple and secure connections between display modules and other electronic devices.

0.7 mm touch glass cover

The thickness of the touch glass cover of the TFT LCD capacitive touch screen is 0.7 mm. This design thickness is determined according to the customer's application equipment. By the way, the thickness of the cover has minimal impact on the durability and sensitivity of the touch screen.

In addition, the TFT LCD capacitive touch screen is also a multi-functional, high-performance display module with various features such as Sunlight Readable, wide viewing angle, wide temperature resistance, and sunlight visibility. With its superior quality and functionality, it is an excellent choice for most applications requiring a touch display module.



Features:

Product Name: TFT LCD Capacitive Touchscreen Touch Panel Type: Capacitive Resolution: 1280*720 Dots Storage Temperature: -40 ~ +90°C Module FPC Pin Number: 30 Pins

Technical Parameters:

Product Name:	TFT LCD Capacitive Touchscreen
Viewing Area:	177.24*99.96 Mm
Module FPC Pin Number:	30 Pins
Color Saturation:	16 M
Capacitive Touch Panel Driver IC:	GT911
Contrast Ratio:	800:1
Touch Panel Interface:	12C
Touch Panel Type:	Capacitive
Display Mode:	Transmissive / IPS / Normally Black
Active Area:	176.64*99.36 Mm
Operating Temperature:	-30 ~ +85 ℃

Applications:

TFT LCD Capacitive Touchscreen - The Perfect Display Solution for Your Needs

Are you looking for a high-quality display that offers excellent touch sensitivity and crystal-clear image quality? Look no further than the TFT LCD Capacitive Touchscreen from Chenghao Optoelectronic. This cutting-edge product is designed to meet all your display needs and enhance the user experience. With its advanced technology and superior features, it is the perfect solution for various applications and scenarios.

Product Overview

The TFT LCD Capacitive Touchscreen, model number CH800WX04A-CT, is a top-of-the-line product manufactured by Chenghao Optoelectronic in China's vibrant city of Shenzhen. This product is certified by CE, RoHS, and FCC, ensuring its quality and safety. With no minimum order quantity, you can order as many or as few of these touchscreens as you need. They come in carefully designed packaging to ensure they reach you in perfect condition.

Application Scenarios

The TFT Liquid Crystal Capacitive Screen is ideal for a wide range of applications, thanks to its high-quality display and touch sensitivity. It is perfect for use in industries such as consumer electronics, medical equipment, industrial control systems, and more. Whether you need a display for a smartphone, tablet, or any other device, this touchscreen is the perfect solution.



Scene 1: Home Automation System

Imagine controlling all the electronic devices in your home with just a single touch. The touch TFT LCD monitor allows you to do just that. With its LVDS interface, you can easily connect it to your home automation system and control everything from lighting to temperature with just a few taps. Its high resolution of 1280*720 dots ensures a clear and vibrant display of all your home's functions.

Scene 2: Medical Equipment

The touch TFT LCD is also widely used in medical equipment, such as patient monitoring systems, ultrasound machines, and more. Its capacitive touch panel, driven by the GT911 IC, offers high sensitivity and accuracy, making it perfect for medical professionals who need precise control and monitoring of equipment.

Scene 3: Industrial Control Systems

In industrial settings, where precision and efficiency are crucial, the TFT LCD Capacitive Touchscreen is the perfect solution. With its 1200 cd/m2 Luminace high brightness backlight, it offers clear visibility even in low-light conditions. Its Wide temperature resistant design and 50000h super long service life make it suitable for use in harsh environments, making it a preferred choice for industrial control systems.

Customization:

TFT LCD Capacitive Touchscreen - Customized Service

Chenghao Optoelectronic is a company that provides a variety of customized services, and we are committed to meeting the individual needs of our customers. The following is a customized description about Chenghao Optoelectronic:

Module customization: We provide a variety of display module customization services, including redesign of FPC shape and structure, brightness selection of backlight components, and definition of interface types. No matter which customized module you require, we can provide the perfect solution for your project needs.

Packaging customization: We value the safety of our products during transportation, so we use shipping boxes that meet export hardness standards and fill them with foam inside to prevent screen damage. We can also provide special packaging according to your requirements to ensure that the product is intact during transportation.

Transportation customization: We have established long-term relationships with multiple express logistics companies and are able to obtain discounts for our large-volume export orders. We can also provide customized transportation services according to your requirements to ensure that products arrive at their destination on time and safely.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Chenghao Optoelectronic.

Q: What is the model number of this product?

A: The model number of this product is CH800WX04A-CT.

Q: Where is this product made?

A: This product is made in China, specifically in Shenzhen.

Q: What certifications does this product have?

A: This product has CE, RoHS, and FCC certifications.

Q: Is there a minimum order quantity for this product?

A: No, there is no minimum order quantity for this product.

Q: How is this product packaged?

A: All the products are packed in the right way to keep them safe. For smaller sizes, we use tray + carton, and for bigger sizes, we use foam slot + carton. We also design packages according to customers' requirements.

Q: How long is the delivery time for this product?

A: The delivery time for this product is 3-7 days.

Q: What are the payment terms for this product?

A: The payment terms for this product are TT or other methods.

Q: What is the supply ability for this product?

A: The supply ability for this product is 20000000 pcs/month.

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